

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/11995

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B29C47/10 B29D11/00 C08J3/18 C08K5/053 C08L29/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B29C G02B B29D H01B C08J C08K C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 03/056576 A (DONETTI RAFFAELLA ; SCORDAMAGLIA RAIMONDO (IT); PIRELLI (IT); CAMPANA) 10 July 2003 (2003-07-10) cited in the application	47
A	page 15, line 19 page 16, line 12 - line 20; example 1	1-46
Y	WO 03/051595 A (HENKEL KGAA ; HOFFMANN SANDRA (DE); RAEHSE WILFRIED (DE)) 26 June 2003 (2003-06-26)	47
A	page 5; claims 1,12,15	1,16-22
A	EP 0 635 545 A (AIR PROD & CHEM) 25 January 1995 (1995-01-25) claims 1-5	1,16-22, 47
	-/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

16 July 2004

Date of mailing of the international search report

23/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Van Nieuwenhuize, O

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/11995

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 93/09171 A (NOVAMONT SPA) 13 May 1993 (1993-05-13) page 4, paragraph 1 - page 7, last paragraph; claims 1-7	1, 16-22, 47
A	EP 0 860 471 A (CEDAL SRL) 26 August 1998 (1998-08-26) examples 1,7	1, 16-18, 22
A	US 5 948 848 A (GILTISOFF BAYAN OLEG THADIUS) 7 September 1999 (1999-09-07) claim 1; figure 1; example 1	47
A	WO 00/21098 A (ANELLI PIETRO ; COLOMBO GIANFRANCO (IT); PIRELLI CAVI E SISTEMI SPA (I) 13 April 2000 (2000-04-13) page 31, paragraph 1	1
A	US 2003/036721 A1 (GILBERTSON GARY WAYNE ET AL) 20 February 2003 (2003-02-20) paragraph '0084!	17
A	STN CHEMICAL ABSTRACTS, vol. 2, no. 100, 9 January 1984 (1984-01-09), XP002067930 abstract	17
A	EP 0 354 410 A (KURARAY CO) 14 February 1990 (1990-02-14) claim 1	17
A	EP 0 794 215 A (KURARAY CO) 10 September 1997 (1997-09-10) page 3, paragraph 1	17
A	GB 1 410 744 A (HOECHST AG) 22 October 1975 (1975-10-22) page 1, line 40 - line 47	17

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/11995

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03056576	A	10-07-2003	BR 0207574 A WO 03056576 A1	27-04-2004 10-07-2003
WO 03051595	A	26-06-2003	DE 10241466 A1 WO 03051595 A1	10-07-2003 26-06-2003
EP 0635545	A	25-01-1995	EP 0635545 A2 JP 7070398 A	25-01-1995 14-03-1995
WO 9309171	A	13-05-1993	IT 1250045 B AU 661872 B2 AU 2908892 A CA 2123092 A1 CN 1073457 A WO 9309171 A1 EP 0611382 A1 FI 942097 A HU 68005 A2 JP 7501090 T NO 941700 A US 5462981 A	30-03-1995 10-08-1995 07-06-1993 13-05-1993 23-06-1993 13-05-1993 24-08-1994 03-06-1994 29-05-1995 02-02-1995 06-05-1994 31-10-1995
EP 0860471	A	26-08-1998	IT MI970401 A1 AT 228548 T BR 9800730 A DE 69809613 D1 DE 69809613 T2 EP 0860471 A1 ES 2187841 T3 US 6103823 A	25-08-1998 15-12-2002 28-03-2000 09-01-2003 11-09-2003 26-08-1998 16-06-2003 15-08-2000
US 5948848	A	07-09-1999	AT 198215 T AU 7093596 A CA 2231163 A1 DE 69611306 D1 DE 69611306 T2 DK 848730 T3 EP 0848730 A1 ES 2155622 T3 IE 71912 B2 WO 9709379 A1	15-01-2001 27-03-1997 13-03-1997 25-01-2001 05-07-2001 23-04-2001 24-06-1998 16-05-2001 26-02-1997 13-03-1997
WO 0021098	A	13-04-2000	AU 763057 B2 AU 6469399 A BR 9914277 A CA 2346540 A1 WO 0021098 A1 EP 1121693 A1 JP 2003526804 T NZ 511063 A RU 2212722 C2 US 2002041744 A1	10-07-2003 26-04-2000 19-06-2001 13-04-2000 13-04-2000 08-08-2001 09-09-2003 30-06-2003 20-09-2003 11-04-2002
US 2003036721	A1	20-02-2003	CA 2437485 A1 EP 1368069 A1 WO 02074352 A1 US 2003040695 A1	26-09-2002 10-12-2003 26-09-2002 27-02-2003

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/11995

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0354410	A	14-02-1990	EP 0354410 A2	14-02-1990
			JP 2124945 A	14-05-1990
			US 5102950 A	07-04-1992
EP 0794215	A	10-09-1997	CN 1168901 A	31-12-1997
			EP 0794215 A1	10-09-1997
			ID 16145 A	04-09-1997
			JP 9296088 A	18-11-1997
GB 1410744	A	22-10-1975	DE 2302871 A1	25-07-1974
			BE 809999 A1	22-07-1974
			CA 1034284 A1	04-07-1978
			ES 422279 A1	01-04-1976
			FR 2214710 A1	19-08-1974
			IT 1006986 B	20-10-1976
			JP 1166483 C	08-09-1983
			JP 50040651 A	14-04-1975
			JP 57055726 B	26-11-1982